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Collector eCommerce API

Reference Guide

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1. INTRODUCTION

1.1 Purpose

The purpose of this document is to describe the web services and web service operations of Collectors eCommerce API in detail.

1.2 Feedback

Although we cannot respond individually to each email, we do appreciate your feedback and will consider your comments for future versions of this document. Please put "Feedback on Collector eCommerce API Reference Guide" in the subject line, and email us at integration@Collector.se.

1.3 Intended audience

This guide is intended to assist software developers who want to develop applications using the Collector eCommerce API. To use the information provided here, you should be familiar with:

- SOAP
- XML
- Online shop systems
- Programming in general and basic understanding of web services
- A programming language for consuming web services

1.4 Typographic Conventions

This guide uses several conventions to highlight certain words and phrases and draw attention to specific pieces of information.

monospace italic
Denotes placeholders in general, e.g. arguments to commands and functions where the argument is to be replaced by a specific value.

monospace bold
Denotes language keywords when used outside example code.

Italic
Highlights important notes, introduces special terminology, denotes internal cross-references, and citations.

Bold
Highlights parameters and interface elements, such as menu names. Also used for emphasis in descriptive lists, where appropriate.

1.5 References

Description	Location
Collector eCommerce API Integration Guide	
W3Schools SOAP-Tutorial	http://www.w3schools.com/soap/default.asp
W3Schools SOAP Fault Element	http://www.w3schools.com/soap/soap_fault.asp
ISO 3166 code lists	http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm
ISO 8601 date and time format	http://www.iso.org/iso/date_and_time_format

Table 1: References

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2. GENERAL

2.1 Security

All SOAP requests require the mandatory fields **Username** and **Password** to authorize the request. Requests to the web services of the Collector eCommerce API can only be made through **HTTPS** (Hypertext Transfer Protocol (**HTTP**) with **SSL/TLS** protocol to provide encrypted communication and secure identification)

> *You'll receive a **Username** and **Password** from your Partner Integration Manager at Collector. You will receive different credentials for the test and production environment. Production credentials are sent to you when the implementation is approved by the Partner Integration Manager.*

For partners using different stores (agreements) all requests needs a **StoreId** to identify the specific store. If you only have one store (standard), then the **StoreId** is not needed.

To secure that your response is handled correctly with the correct request, we have a **CorrelationId** (any string value) that can be sent in into all requests, and the response will contain the same **CorrelationId**. With this you can secure that the response actually matches the request.

2.2 Date and Time Formats

All date and time fields must comply with ISO 8601. The representation of **Date and time** for example would be:

    YYYY-MM-DDThh:mm:ss

2.3 Encoding

The web services of the Collector eCommerce API require UTF-8 encoding.

2.4 Error Handling

All errors will be returned as simple SOAP faults and are presented in a separate section in this document.

2.5 Web service

WSDL Url to Production environment:
https://ecommerce.collector.se/v3.0/InvoiceServiceV31.svc?wsdl

WSDL Url to test environment:
https://ecommercetest.collector.se/v3.0/InvoiceServiceV31.svc?wsdl

The Invoicing service is published through a web services description language (WSDL) file.

2.6 API versions

When a new version of the API is released, previous versions are supported for a limited time to allow applications to continue to function until they are upgraded.

3. INVOICESERVICE

General for almost all requests is that an invoice number (**InvoiceNo**) is needed to handle the request. The invoice number is generated by Collector in the **AddInvoice** method and returned in the response. This invoice number needs to be stored (together with your order) for further request of that invoice, example when handling returns.

All methods available in Collector eCommerce API is presented below.

3.1   Types
The types used in requests are presented below.

3.1.1   Invoice status
The invoice status type is an enumeration value. Defined values are:
On hold (0) - Collector have not yet approved the invoice.
Pending (1) - The invoice is approved by Collector, and can be activated.
Activated (2) - The invoice is activated by partner. Collector has purchased the invoice.

3.1.2   BaseAddress

Parameter	Type	Max.	Description
Address1	String	50	First address line of the customer.
Address2	string	50	Second address line of the customer.
COAddress	string	50	C/o address of the customer.
PostalCode	string	50	Postal code of the customer.
City	string	50	City of the customer.
CountryCode	string	2	The country code (ISO 3166-1 alpha-2) for the country of the customer.

3.1.3   Address

Parameter	Req.	Type	Max.	Description
Firstname	x	String	50	
Lastname	x	String	50	
CompanyName		String	50	
Address1	x	String	50	Required in all countries except Norway.
Address2		String	50	
COAddress		String	50	
PostalCode	x	String	50	
City	x	String	50	
PhoneNumber		String	20	
CellPhoneNumber		String	20	Required in Norway.
Email		String	260	
CountryCode	x	String	2	

3.1.4   InvoiceRow

Parameter	Req.	Type	Max.	Description
ArticleId	x	String	50	The ArticleId of the product.
Description	x	String	50	The description of the product.
Quantity	x	Int	4	The quantity of the product.
UnitPrice	x	Decimal	6,2	Price per unit incl. VAT.
VAT	x	Decimal	2,2	VAT in percent.

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3.1.5 ArticleList

Parameter	Req.	Type	Max.	Description
ArticleId	x	String	50	The ArticleId of the product.
Quantity	x	String	4	The quantity of the product.
Description	x	String	50	The description of the product.

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3.2 GetAddress

The operation returns address information of a customer based on civic registration number, only available in Sweden. To use this functionality, an agreement with Collector must be made.

When this service is used the following needs to be applied:

The service can only be used in the checkout and Collector needs to be the pre chosen payment option.

If the payment type is changed this service should be hidden/disabled.

The button that submits the request cannot be named "Hämta adress" instead "Fortsätt" or equal should be used.

3.2.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country. Only "SE" allowed.
RegNo	1	false	50	string	The customer civic registration number.
ClientIpAddress	1	false	50	string	The IP address of the customer performing the purchase at the partner's web shop.

3.2.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
Firstname	1	true	50	string	First name of the customer.
Lastname	1	true	50	string	Last name of the customer.
RegNo	1	true	50	String	The customer civic registration number.
Addresses	1	true	–	BaseAddress[]	A list of addresses where the person is registered.

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3.3 AddInvoice

With this request, we will credit check the customer, and if approved add the invoice. This invoice then needs to be activated through the **ActivateInvoice** or **PartActivateInvoice** (The invoice could also be autoactivated directly in **AddInvoice** request, if the package is sent directly when ordered).

This method will return the Invoice number (**InvoiceNo**) which should be stored and used when handling the order/invoice later on (e.g. **CreditInvoice**, **PartCreditInvoice**, **AdjustInvoice**, **CancelInvoice** etc).

3.3.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for country.
RegNo	1	false	50	string	Civic reg no of person in SE, NO, DK, FI. In DE, AT, NL the date of birth should be provided. For company the organization number should be provided. Format: DE, AT, NL: yyyymmdd SE: yymmddxxxx DK, FI: ddmmyyxxxx NO: ddmmyyxxxxx
ClientIpAddress	1	false	50	string	The IP address of the customer performing the purchase at the partner's web shop.
Currency	1	false	3	string	Currency used during the purchase. Must be the same currency where the customer is registered and the e-store owner is located. Currency code is a three letter combination based on ISO 4217, for example: SEK, DKK, EUR.
CustomerNo	1	true	20	string	If the e-store wants to search for a customer by their own customer id, this field can be used to specify that number. Also shown on invoice.
OrderNo	1	true	20	string	The order's identification can be used to search for a specific order in the Collector Partner Portal.
OrderDate	1	false	–	datetime	The date that the costumer placed the order.
InvoiceRows	1	false	–	InvoiceRow[]	The articles that should be listed on the invoice and contains the quantity and price of the article.
InvoiceType	1	false	–	int	Specify the type of invoice to use. The values (default value is 0) are: 0 = Invoice will be in the package and/or directly sent with e-mail if InvoiceDeliveryMethod is set to e-mail, Collector will not send this invoice to the customer, you will send it as part of the package. 1 = Monthly invoice. Collector will send this invoice. 3 = Aggregated invoice. Collector will send the invoice. All invoices incoming during the same month with this flag will be aggregated to one invoice.
InvoiceAddress	1	false	–	Address[]	The invoice address where the invoice should be sent to. For private persons this must be the address where the person is registered.
DeliveryAddress	1	false	–	Address[]	The address where the product should be delivered to. For private persons this must be the address where the person is registered.

Field	minOccurs	nillable	Max	Type	Description
CreditTime	1	true	–	int	Not used at the moment.
ActivationOption	1	false	–	int	Different options for affecting a purchase. Following values can be used (default value is 0): 0 = Purchase will be preliminary and must be activated, by using the **ActivateInovice** or through the Collector Partner Portal. 1 = Auto activation, will automatically active the invoice so it can be sent out directly. This can only be used when the order can be delivered directly. 2 = Pre-Paid invoice. The purchase will be activated first when an invoice is paid. Not used at the moment.
Reference	1	true	64	string	The Reference that should be as a reference on an invoice. Will only be used for companies.
CostCenter	1	true	64	string	For companies that needs to specify a cost center.
Gender	1	true	–	int	Persons gender according to the ISO/IEC 5218 standard. 0 = Not known 1 = Male 2 = Female 9 = Not applicable This field is required in Germany, Netherlands and Austria.
InvoiceDeliveryMethod	1	false	–	int	The way to send the invoice. By default this is determined by Collector, but can be negotiated with Collector. If a current invoice exists, the latest information will be used next time the invoice is sent. The Value can be: 1 = Normal mail or in package based on invoice type. 2 = E-mail. If value 3 is specified, both Normal mail and e-mail should be used. The default value is 1.
ProductCode	1	true	16	string	The campaign product code. The product code is determined by Collector. To use campaign products an agreement with Collector must be made.
PurchaseType	1	true	–	int	The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce 1 = Store 2 = InvoicePayment 3 = P2P
SalesPerson	1	True	50	String	Salesperson for order, if used.

3.3.2 Response

Field	minOccurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
PaymentReference	1	true	50	string	The payment identification number. This is the id the customer must use when they do a payment of an invoice. Only returned if the invoice is auto activated.
AvailableReservationAmount	1	true	6,2	decimal	The current available reservation amount. If no credit reservation is done, 0 will be returned.
LowestAmountToPay	1	true	6,2	decimal	The lowest amount to pay on the invoice. Only returned if the invoice is auto activated.

TotalAmount	1	true	6,2	decimal	The total amount to pay for the invoice. Only returned if the invoice is auto activated.
InvoiceNo	1	false		string	The invoice number of the invoice.
InvoiceStatus	1	false	-	string	The invoice status.
DueDate	1	true		datetime	The due date of the invoice. Only returned if the invoice is auto activated.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

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3.4 CancelInvoice

Cancel an invoice that is not yet activated. This functionality is non-reversible.

3.4.1   Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request
Password	1	false	50	string	The password used to authorize the request
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo returned in **AddInvoice**.

3.4.2   Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

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3.5 ReplaceInvoice

Change a pending invoice. This API will replace all the current Invoice rows with the new specified.

3.5.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false		string	The username used to authorize the request.
Password	1	false		string	The password used to authorize the request.
StoreId	1	true		short	The StoreId used for identification of store.
CorrelationId	1	true		string	CorrelationID is sent back in the response.
CountryCode	1	false		string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false		string	The InvoiceNo previously returned in **AddInvoice**.
InvoiceRows	1	False		InvoiceRow[]	The articles that should replace the current invoice's rows.

3.5.2 Response

Field	Type	Description
CorrelationId	string	CorrelationID from the request if any.
AvailableReservationAmount	Decimal	The current available reservation amount. If no credit reservation is done, 0 will be returned.
TotalAmount	Decimal	The total amount to pay for the invoice.
InvoiceStatus	Int	The invoice status.

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3.6 ActivateInvoice

Activation of invoice should be done when the goods are ready to be sent. This request fully activates the invoice. Normally an invoice needs to be activated within 7 days from placing of order.

3.6.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.

3.6.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
PaymentReference	1	true	50	string	The Reference that should be as a reference on an invoice.
LowestAmountToPay	1	true	6,2	decimal	The lowest amount to pay on the invoice.
TotalAmount	1	true	6,2	decimal	The total amount to pay for the invoice.
DueDate	1	true	–	datetime	The due date of the invoice.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

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3.7 PartActivateInvoice

Create an active invoice for the requested articles. If any pending articles remain a new pending invoice will be created for those articles and returned in **NewInvoiceNo** (this NewInvoiceNo should be used when activating the invoice in the next shipment). This functionality is used when part delivering goods.

3.7.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.
ArticleList	1	false	–	ArticleList[]	The list of articles that should be activated.

3.7.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
NewInvoiceNo	1	true	50	string	The new invoice number with the articles that where not yet delivered.
PaymentReference	1	false	50	string	The Reference that should be as a reference on an invoice.
LowestAmountToPay	1	false	6,2	decimal	The lowest amount to pay on the invoice.
TotalAmount	1	false	6,2	decimal	The total amount to pay for the invoice.
DueDate	1	false	–	datetime	The due date of the invoice.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

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3.8 CreditInvoice
Fully credits/returns the requested invoice.

3.8.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.
CreditDate	1	false	–	Datetime	The date of the return.

3.8.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

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3.9 PartCreditInvoice

Credits the requested articles on the requested invoice and provides the option to create a new updated invoice with the remaining articles.

3.9.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.
CreditDate	1	false	–	datetime	The date of the return.
ArticleList	1	false	–	ArticleList[]	The list of articles that should be credited.

3.9.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

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3.10 AdjustInvoice

The operation AdjustInvoice is used to adjust the total invoice amount.
The adjustment can be both negative and positive. A positive adjustment can only be done if you have made negative adjustments and/or returns previously on the invoice and only up to the originally approved invoice amount. The VAT amount calculated from the VAT rate of the request cannot be greater than the VAT amount of the invoice.

3.10.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.
ArticleId	1	false	20	string	The article number for the specific product.
Description	1	false	50	string	A descriptive text for the adjustment.
Amount	1	false	6,2	decimal	The amount to adjust the order with. VAT should be included in this value.
Vat	1	false	6,2	decimal	The VAT rate for this adjustment, in percentage.

3.10.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

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3.11 ExtendDueDate

Extends the due date, in accordance to the partner agreement, for the requested invoice. To use this functionality must be agreed upon with Collector.

3.11.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.

3.11.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
DueDate	1	false	–	Datetime	The extended Due Date of the invoice.

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3.12 SendInvoice

Sends the invoice again by e-mail to the end customer.

3.12.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in **AddInvoice**.
InvoiceDeliveryMethod	1	false	4	int	The way to notify the end customer, only available now is e-mail with the value 2
Email	1	false	260	string	The email address to the end customer.

3.12.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
PaymentReference	1	true	50	string	The payment identification number. This is the id the customer must use when they do a payment of an invoice. Only returned if the invoice is auto activated.
AvailableReservation Amount	1	true	6,2	decimal	The current available reservation amount. If no credit reservation is done, 0 will be returned.
LowestAmountToPay	1	true	6,2	decimal	The lowest amount to pay on the invoice. Only returned if the invoice is auto activated.
TotalAmount	1	true	6,2	decimal	The total amount to pay for the invoice. Only returned if the invoice is auto activated.
InvoiceNo	1	false		string	The invoice number of the invoice.
DueDate	1	true		datetime	The due date of the invoice. Only returned if the invoice is auto activated.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

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3.13 SetReservation

Creates a new or updates an existing reservation for the requested customer. If no existing reservation is found a credit check is performed, if successful a new reservation with the requested amount is created. If an existing reservation is found and the requested amount is higher a new credit check is/could be performed and if successful the reservation amount will be increased. If an existing reservation is found and the requested amount is lower, the reserved amount will be decreased.

This functionality is only available in the following countries: Sweden, Norway, Finland and Denmark.

To use this functionality with reservations must be agreed upon with Collector.

Any purchases/invoice made before a reservation will be calculated into the **AvailableAmount** of reservation.

3.13.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country which the credit validation should perform.
RegNo	1	false	50	string	The customer civic registration number. In the following formats: Sweden: yymmddxxxx Norway: ddmmyyxxxxx Denmark: ddmmyyxxxx Finland: ddmmyyxxxx No separators should be used, for example: -, .
ReservedAmount	1	false	6,2	decimal	The requested amount to reserve. If an existing reservation is found that reservations amount will be increased or decreased to the amount you send in.
CustomerAddress	1	false	–	Address	Address of the customer.
CurrencyCode	1	false	3	string	The ISO 4217 code representation for the currency.

3.13.2 Response

The response indicates if the customer is approved for the credit amount requested. If the purchase is approved, proceed with the purchase by invoking **AddInvoice.**

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
ReservedAmount	1	true	6,2	decimal	Total amount reserved.
AvailableAmount	1	true	6,2	decimal	Available amount left on the reservation.
ValidUntil	1	true	–	datetime	Date until the reservation is valid, null means indefinite.

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3.14 CancelReservation

This operation cancels a previously approved reservation.

3.14.1　Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request
Password	1	false	50	string	The password used to authorize the request
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
RegNo	1	false	50	string	The customer civic registration number. Format required: Sweden: yymmddxxxx Finland: ddmmyyxxxx Norway: ddmmyyxxxxx Denmark: ddmmyyxxxx

3.14.2　Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

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3.15 GetReservation

This functionality returns information about a previously made reservation.

3.15.1   Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
RegNo	1	false	12	string	The customer civic registration number. Format required: Sweden: yymmddxxxx Finland: ddmmyyxxxx Norway: ddmmyyxxxxx Denmark: ddmmyyxxxx

3.15.2   Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
ReservedAmount	1	true	6,2	decimal	Total amount reserved.
AvailableReservation Amount	1	true	6,2	decimal	Available amount left on the reservation.
CustomerStatus	1	True	50	string	The status of the customer.
ValidUntil	1	true	–	datetime	Date until the reservation is valid, null means indefinite.

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4. INFORMATIONSERVICE

The InformationService is a service used for monitoring customer account statuses, retrieving current invoice information and for viewing account transactions on selected invoices. The usage of this functionality requires an agreement with Collector.

The InformationService uses a separate WSDL URL, found below:

WSDL Url to Production environment:
https://ecommerce.collector.se/v3.0/Informationservice.svc?wsdl

WSDL Url to test environment:
https://ecommercetest.collector.se/v3.0/informationservice.svc?wsdl

(The information service is also published through a web services description language (WSDL) file.)

4.1 GetAccounts

The operation returns customer account (order) information of a customer based on customer number, integration number or civic registration number. It will return all accounts found on the current customer; approved, rejected, activated, closed etc. See **InvoiceStatus** in "Accounts" found in the "Types" section below for possible values. If no customer or account is found for the given request an exception will be returned.
The account can be identified either by providing the CustomerNo, the IntegrationId or RegNo in the request, but never more than one of them in one request.

4.1.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country. Only "SE" allowed.
CustomerNo	1	true	20	string	If the e-store wants to search for a customer by their own customer id, this field can be used to specify that number.
IntegrationId	1	true	128	string	The partners ID for identifying a customer.
RegNo	1	true	50	string	The customer civic registration number.
StoreId	1	true	4	short	The StoreId used for identification of store.

4.1.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
Accounts	1	false	–	Accounts[]	A list of the accounts for the customer associated with the given request. See "Accounts" under "Types" below for more information.

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4.2 GetAccountTransactions

Retrieves the transactions of the account associated with the invoice number or payment reference given in request. If no account is found for the given request an exception will be returned.

The account can be identified either by providing the InvoiceNo or the PaymentReference in the request, but not both.

4.2.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country. Only "SE" allowed.
InvoiceNo	1	true	50	int	The invoice number. Either InvoiceNo or PaymentReference must be set, but not both.
PaymentReference	1	true	50	string	The payment reference. Either PaymentReference or InvoiceNo must be set, but not both.
StoreId	1	true	4	short	The StoreId used for identification of store.

4.2.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
Transactions	1	true	50	Transaction[]	A list of the transactions for the account associated with the given request. See "Transaction" under "Types" below for more information.

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4.3 GetCurrentInvoice

Retrieves the current invoice of the account associated with the invoice number or payment reference given in the request. If no account is found for the given request an exception will be returned. If the specified account does not have an invoice created yet, only Currency, PaymentReferenceNo and, if a payment has been moved, MovedToPaymentRef are returned.

The account can be identified either by providing the InvoiceNo or the PaymentReference in the request, but not both.

4.3.1 Parameters

Field	min Occurs	nillable	Max	Type	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country. Only "SE" allowed.
InvoiceNo	1	true	50	int	The invoice number. Either InvoiceNo or PaymentReference must be set, but not both.
PaymentReference	1	true	50	string	The payment reference. Either PaymentReference or InvoiceNo must be set, but not both.
StoreId	1	true	4	short	The StoreId used for identification of store.

4.3.2 Response

Field	min Occurs	nillable	Max	Type	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
CreditTime	1	true	2	int	The remaining credit time of the invoice.
Currency	1	false	3	string	The invoices currency.
DueDate	1	true	–	DateTime	The date the invoice is due.
InvoiceNo	1	true	50	string	The invoice number of the invoice.
InvoiceURL	1	true	–	string	A URL to a pdf of the invoice.
LowestAmountToPay	1		6,2	decimal	The lowest amount to pay on the invoice.
MovedToPaymentRef	1	true	–	string	If the invoice has been moved to another account, this is the new accounts payment reference. If the invoice has not been moved, this returns null.
NotificationDate	1			DateTime	The notification date of the invoice.
NotificationType	1	true	–	string	The type of the invoice, possible values are: - Part Payment - Part Payment Reminder - Invoice - Invoice Reminder - Direct Invoice - Direct Invoice Reminder - Credit Account Invoice - Credit Account Invoice Reminder - Interest Free - Interest Free Part Payment - Interest Free Part Payment Reminder
NumberOfRemi	1	true	1	int	The number of reminders on the invoice.

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nders					
OrderNo	1	true	20	string	The invoices order number.
PaymentPlan	1	true	6,2	decimal	The lowest amount to pay to stay on the current payment plan.
PaymentReferen ce	1	false	50	string	The invoices payment reference.
PaymentStatus	1	true	–	string	The payment status of the invoice, possible values are: • In Debt • Not Paid • Partially Paid • Fully Paid
TotalAmount	1	true	6,2	decimal	The total amount of the invoice.

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4.4 Types

4.4.1 Transaction

Field	nillable	Type	Description
TransactionType	`false`	`string`	The type of the transaction.
TransactionDate	`false`	`string`	The date the transaction was made.
ArticleId	`true`	`string`	The article id used in the transaction. Null if the transaction doesn't have an article.
Description	`true`	`string`	A description of the transaction.
UnitPrice	`false`	`decimal`	The unit amount used the transaction. This can be the price of an article in a purchase transaction or the amount of a fee in a fee transaction.
Currency	`false`	`string`	The currency used in the transaction. Currency code is a three letter combination based on ISO 4217, for example: SEK DKK EUR
Quantity	`false`	`int`	The number of items in the transaction.
VatRate	`true`	`decimal`	The VAT rate used in this transaction.
MovedToAccount	`true`	`string`	If the transaction has been moved to another account this will contain the Payment Reference number for that account.
MovedFromAccount	`true`	`string`	If the transaction has been moved from another account this will contain the Payment Reference number for that account.

4.4.2 Accounts

Field	min Occurs	nillable	Max	Type	Description
InvoiceBalance	1	`false`	6,2	decimal	The current balance of the invoice.
InvoiceStatus	1	`false`	–	string	The current status of the invoice. Possible values are: • OnHold • Approved • Rejected • Canceled • Expired • Activated • Closed • Moved • DebtCollection
InvoiceType	1	`false`	–	string	The invoice type. Possible values are: • Direct Invoice Account • Invoice Account • Part Payment Account • Credit Account • Interest Free Account • Interest Free Part Payment Account • Annuity Account
LatestInvoiceNo	1	`true`	50	string	The invoice number of the invoice.
MovedToPaymentRef	1	`true`	–	string	If the invoice has been moved to another account, this is the new accounts payment reference. If the invoice has not been moved, this returns null.
NotificationStop	1	`false`	–	string	Returns true if the current invoice is stopped for

ped					notifications. Returns false if it is not stopped.
PaymentReferen ce	1	true	50	string	The invoices payment reference.

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5. OUTGOING SERVICES

5.1 InvoiceChangeNotification

This request is made to inform Merchant about status change on invoice. When an invoice has Status 0 (on hold) we inform when the invoice is either approved or denied, so that Merchant can handle the invoice properly.
The integration will be made with a GET web request, using SSL and Basic Authentication.
Merchant using this functionality needs to inform Collector about their url, username and password.

The request will contain the following parameters in querystring:
InvoiceNo, OrderNo, InvoiceStatus

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6. ERROR CODES

Fault code	Description
ACCOUNT_NOT_FOUND	Thrown when no account is found for the given request.
ACTIVATION_OF_INVOICE_DENIED	Activation of an invoice id denied.
ADDRESS_NOT_FOUND	Address can't be found for the specified customer.
AGREEMENT_RULES_VALIDATION_FAILED	Something with the use of the API is against the agreement with Collector, please contact Collector for information.
ARTICLE_NOT_FOUND	An Article can't be found. Both Article Id and description specified must be the same that was used during AddInvoice. If more than one article with the same article id but different unit price is added to the invoice, the unit price of the article must be specified.
ARTICLE_NOT_FOUND_BASED_ON_UNITPRICE	Can't locate the specified article based on the specified unit price. Make sure an article with the specified unit price exists.
AUTHORIZATION_FAILED	Could not authorize the request, check your login credentials. Please contact Collector for more help.
COUNTRYCODE_MISMATCH_WITH_CUSTOMER_ADDRESS	The specified country code for the customer's address doesn't match the country code specified in the (base) request.
COUNTRYCODE_MISMATCH_WITH_DELIVERY_ADDRESS	The specified country code for the customer's delivery address doesn't match the country code specified in the (base) request.
COUNTRYCODE_MISMATCH_WITH_INVOICE_ADDRESS	The specified country code for the customer's invoice address doesn't match the country code specified in the (base) request.
CREDIT_CHECK_DENIED	The credit check is not approved.
DENIED_TO_PURCHASE	When a customer is denied to do purchase, for example blocked for purchase based on different reasons, please contact Collector for more information.
EMAIL_IS_MISSING	The delivery method was set to email but the Email field was not present in the request.
INVALID_ACTIVATION_OPTION_VALUE	The ActivationOption field was not one of its allowed values.
INVALID_COUNTRYCODE	Can be thrown when you try to request an address from another country than the one you are registered in.
INVALID_CREDIT_TIME_USAGE	Credit time can't be used for the specific invoice type.
INVALID_CURRENCY_CODE	The specified currency can't be used. This exception can be thrown if you are registered in a country where the specified currency is not allowed to be used.
INVALID_DELIVERY_ADDRESS_USAGE	Private customers aren't allowed to have different invoice address and deliver address,

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	they must be the same.
INVALID_INVOICE_STATUS	When you try to cancel an pending invoice that can't be canceled based on the stage it is in.
INVALID_PRODUCT_CODE	The product code cannot be found or the product is inactive.
INVALID_QUANTITY	The quantity of an article is too low or too high compared to the quantity or quantity left on the article.
INVALID_REGISTRATION_NUMBER	When the reg.no is not in a correct format.
INVALID_TRANSACTION_AMOUNT	The amount may exceeds the total invoice amount, or the number of decimals has more than two digits after decimal (Can only have two digits after decimal).
INVOICE_DUEDATE_ALREADY_EXTENDED	The due date of the invoice has already been extended.
INVOICE_EXCEEDS_AVAILABLE_RESERVATION	The purchase sum of the invoice exceeds the available reservation amount.
INVOICE_EXTENDED_DATE_IN_PAST	When you try to extend a due date by specifying a date in the past.
INVOICE_INVALID_TYPE	When an invoice may be of wrong type, some actions aren't allowed to perform on specific invoices, for example: You can't extend the due date on an invoice that is not of type Direct invoice (delivered in the package).
INVOICE_NOT_FOUND	When the specified Invoice number can't be found. When trying to credit an Invoice the invoice is already credited or not activated.
INVOICE_TYPE_IS_NOT_ALLOWED_TO_BE_USED	You aren't allowed to use the specified invoice type.
MIXED_CURRENCY	The article's currency doesn't match the currency on the invoice.
MOBILE_PHONE_IS_MISSING	The mobile phone is missing, which is needed because of the choosen notification type.
NOT_ALLOWED_TO_SEND_NOTIFICATION_BY_EMAIL	You aren't allowed to send the specific invoice type by e-mail.
NOT_ALLOWED_TO_SEND_NOTIFICATION_BY_MAIL	You aren't allowed to send the specific invoice type by postal mail.
NOT_ALLOWED_TO_SEND_NOTIFICATION_BY_SMS	You aren't allowed to send the specific invoice type by SMS.
PURCHASE_AMOUNT_GREATER_THAN_MAX_CREDIT_AMOUNT	The total amount of an invoice or reservation can't be greater than your maximum credit limit or the maximum credit limit for the country the purchase is made in.
RESERVATION_NOT_ACTIVATED	The Reservation must be activated before use.
PURCHASE_NOT_FOUND	An invoice can't be found.
RESERVATION_NOT_APPROVED	Reservation is not approved.
RESERVATION_NOT_FOUND	There was no reservation for the specified customer.
TOO_FEW_PARAMETERS	When not enough optional parameters to execute request are provided.
TOO_MANY_PARAMETERS	When too many optional parameters to execute request are provided.

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UNHANDLED_EXCEPTION	If an unhandled error occurs, an unhandled exception will be thrown. In cases of these errors contact Collector for help
UNIQUE_ARTICLE_NOT_FOUND	When article with the same article id is found several times but have different unit prices. The unit price must be specified also to locate the specific article.
VALIDATION_ACTIVATION_OPTION_VALUE	The ActivationOption field was not one of its allowed values.
VALIDATION_ADDRESS1_LENGTH	The Address1 field was too long.
VALIDATION_ADDRESS2_LENGTH	The Address2 field was too long.
VALIDATION_AMOUNT_PARSING	The unit price or other kind of amount fields could not be parsed. Make sure the amount is a decimal value and the number of decimals doesn't have more than two digits after decimal (Can only have two digits after decimal).
VALIDATION_AMOUNT_RANGE	The Amount field was not within its allowed range.
VALIDATION_AMOUNT_REQUIRED	The Amount field was not present in the request.
VALIDATION_ARTICLE_ID_LENGTH	The ArticleId field was too long.
VALIDATION_ARTICLE_ID_REQUIRED	An article is missing its ArticleId.
VALIDATION_ARTICLE_LIST_REQUIRED	The ArticleList field was not present in the request.
VALIDATION_CELL_PHONE_NUMBER_LENGTH	The CellPhoneNumber field was too long.
VALIDATION_CITY_LENGTH	The City field was too long.
VALIDATION_CITY_REQUIRED	The City field was not present in the request.
VALIDATION_CLIENT_IP_ADDRESS_LENGTH	The ClientIpAddress field was too long.
VALIDATION_CLIENT_IP_ADDRESS_REQUIRED	The ClientIpAddress field was not present in the request.
VALIDATION_COADDRESS_LENGTH	The CoAddress field was too long.
VALIDATION_COMPANY_NAME_LENGTH	The CompanyName field was too long.
VALIDATION_COST_CENTER_LENGTH	The CostCenter field was too long.
VALIDATION_COUNTRY_CODE_LENGTH	The CountryCode field was too long.
VALIDATION_COUNTRY_CODE_REQUIRED	The CountryCode field was not present in the request.
VALIDATION_CREDIT_DATE_REQUIRED	The CreditDate field was not present in the request.
VALIDATION_CREDIT_TIME_OUT_OF_RANGE	Credit time is out of range, can only be between 0 and 99.
VALIDATION_CURRENCY_LENGTH	The Currency field was too long.
VALIDATION_CURRENCY_INVALID	The specified currency may not be supported or is of an incorrect format (ISO 4217). Currency need to be at least three characters long and follow ISO 4217, e.g. SEK, DKK, NOK and EUR etc.
VALIDATION_CURRENCY_REQUIRED	The Curency field was not present in the request.
VALIDATION_CUSTOMER_NUMBER_LENGTH	The CustomerNumber field was too long.
VALIDATION_DELIVERY_ADDRESS_REQUIRED	The DeliveryAddress field was not present in the request.
VALIDATION_DESCRIPTION_LENGTH	The Description field was too long.
VALIDATION_EMAIL_INVALID	The e-mail address is not a valid e-mail address.
VALIDATION_EMAIL_LENGTH	The Email field was too long. Can only be maximum of 256 characters.
VALIDATION_ERROR	Input data is not correct.
VALIDATION_FIRST_NAME_LENGTH	The Firstname field was too long.
VALIDATION_GENDER_VALUE	The Gender field was not one of its allowed

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	values.
VALIDATION_INVOICE_ADDRESS_REQUIRED	The InvoiceAddress field was not present in the request.
VALIDATION_INVOICE_DELIVERY_METHOD_VALUE	The InvoiceDeliveryMethod field was not one of its allowed values.
VALIDATION_INVOICE_NUMBER_LENGTH	The InvoiceNo field was too long.
VALIDATION_INVOICE_NUMBER_REQUIRED	The InvoiceNo field was not present in the request.
VALIDATION_INVOICE_TYPE_VALUE	The InvoiceType field was not one of its allowed values.
VALIDATION_LAST_NAME_LENGTH	The LastName field was too long.
VALIDATION_ORDER_DATE_REQUIRED	The OrderDate field was not present in the request.
VALIDATION_ORDER_NUMBER_LENGTH	The OrderNo field was too long.
VALIDATION_PASSWORD_REQUIRED	The Password field was not present in the request.
VALIDATION_PHONE_NUMBER_LENGTH	The PhoneNumber field was too long.
VALIDATION_POSTAL_CODE_LENGTH	The PostalCode field was too long.
VALIDATION_POSTAL_CODE_REQUIRED	The PostalCode field was not present in the request.
VALIDATION_PRODUCT_CODE_LENGTH	The ProductCode field was too long.
VALIDATION_PURCHASE_TYPE_VALUE	The PurchaseType field was not within its allowed range.
VALIDATION_QUANTITY_RANGE	The Quantity field was not within its allowed range.
VALIDATION_QUANTITY_REQUIRED	An article is missing its Quantity.
VALIDATION_REFERENCE_LENGTH	The Reference field was too long.
VALIDATION_REGISTRATION_NUMBER_LENGTH	The RegNo field was too long.
VALIDATION_REGISTRATION_NUMBER_REQUIRED	The RegNo field was not present in the request.
VALIDATION_RESERVED_AMOUNT_PARSING	The ReservedAmount field could not be parsed.
VALIDATION_RESERVED_AMOUNT_RANGE	The ReservedAmount field was not within its allowed range.
VALIDATION_RESERVED_AMOUNT_REQUIRED	The ReservedAmount field was not present in the request.
VALIDATION_UNIT_PRICE_PARSING	The UnitPrice field could not be parsed.
VALIDATION_UNIT_PRICE_RANGE	The UnitPrice field was not within its allowed range.
VALIDATION_USERNAME_REQUIRED	The Username field was not present in the request.
VALIDATION_VAT_PARSING	The Vat field could not be parsed.
VALIDATION_VAT_RANGE	The Vat field was not within its allowed range.
VALIDATION_VAT_REQUIRED	The Vat field was not present in the request.